

## **9 step bed bug IPM plan**

### **1: Education**

Pest awareness training: A how-to inspection guid for the hospitality industry to raise awareness, give guidance on permanent monitoring, detection and procedures when infestation is found.

- Placement of permanent passive monitors
- Use of rapid detection kit
- Decommissioning and isolation of the room.
- Leaving the vacuum cleaner in situ and instructions for cleaning vacuum cleaner
- Place all laundry in water soluble laundry sacks
- Wash laundry at 60°C or above to kill all life stages of insect

### **2: Identification**

- Pelsis offer identification service
- Is it bat or swallow bug?
- Or other biting insect, fleas, mites, ticks etc.
- Cable bug phenomenon
- Sick building syndrome
- Delusionary parasitosis/ Ekblom syndrome

### **3: Monitoring**

- Passive low-cost permanent monitors to be used by hospitality staff
- Professional active monitors with aggregation pheromone
- Caster pit fall traps for bed legs
- Stealth monitors
- Rapid detection kit to check for positive presence identification
- Use canine to detect the presence of bed bug

### **4: Protection**

- Mattress encapsulation cover
- Box spring cover for beds
- Pillow encapsulation covers
- Suitcase protectors to prevent passive spread when traveling
- Soluble wash bags to prevent beg bugs falling out of laundry cart during transit
- Bed bug repellent
- Bed bug taps to mitigate bites

### **5: Isolation**

- Take rooms affected out of commission
- Mattress disposal bags
- Vacuum seal bags for laundered materials preventing reinfestation of belongings

#### **6: Non-chemical treatment self help**

- Freeze spray for spot treatments (amateur product)
- Diatomaceous earth dust in ready to use puffer (amateur product)
- Bed bug tape to prevent bites
- Bed bug repellent

#### **7: Non-chemical treatment PCO**

- Polti Cimex eradicator
- Heat treatment

#### **8: Chemical treatment**

- Dusts
- Microencapsulated
- Chemicals that can be used on skin to surface

#### **9: Environmental manipulation/ harbourage reduction**

- Caulking agents/ sealants